Skyline College Automotive Stackable Certificates

Skyline COLLEGE

BACHELOR OF SCIENCE: VARIOUS TECHNICAL FIELDS

PLUS, GENERAL EDUCATION

ASSOCIATES DEGREE: AUTOMOTIVE TECHNOLOGY

ADDITIONAL TRAINING & CERTIFICATION

CERTIFIED SMOG TECHNICIAN (UPDATE)
Weekend Class

HYBRID – ELECTRIC CERTIFICATES
Basic Hybrid Powertrains
Principles of Hybrid and Electric Drives

CERTIFICATE OF COMPLETION

Total Required Units for Certificate of Completion: 38

Required Courses Units:

- AUTO 758/858 Automotive Computer Controls (3)
- AUTO 771/846 Automotive Electrical II (2)
- AUTO 772/842 Clean Air Car I (3) *
- AUTO 773/840 Automotive Electrical I (3)
- AUTO 775/848 Oscilloscopes & Exhaust Gas Analyzers (1.5) *

**can be waived if current unlimited smog license is possessed*

Plus a selection of 22.5 units from the following:

- AUTO 716 Automotive Cooling, Heating, and Air Conditioning (5)
- AUTO 754/854 High Performance Engines I (3)
- AUTO 769/822 Head & Valve Services (2.5)
- AUTO 779/823 Block Services (2.5)
- AUTO 777/832 Automatic Transmissions I (3)
- AUTO 787/887 Automatic Transmissions II (3)
- AUTO 778/878 Manual Transmissions I (2)
- AUTO 781/881 Electrical III (3)
- AUTO 765/865 Ignition Systems I (1.5)
- AUTO 764/864 Emissions Control Systems I (1.5)
- AUTO 790/850 Automotive Brakes I (2.5)
- AUTO 761/861 Automotive Brakes II (1.5)
- AUTO 792/853 Automotive Chassis I (3)
- AUTO 791/852 Automotive Chassis II (2)
- AUTO 786/860 Automotive Air Conditioning I 2.5

Evening / Short-term Classes:
Career Advancement-Update Options

CA/BAR Smog Certificate

Industry - ASE Certifications
(Test Required)

- L1 – Advanced Engine Performance Specialist
- Master Technician -Automobile
- A8 – Engine Performance
- A7 – Heating & A/C

AUTOMOTIVE TECHNOLOGY - ADVANCED LEVEL

2 semesters

- Advanced Engine Performance (15)
- Automotive Engine Performance (15)

Industry - ASE Certifications
(Test Required)

- A6 – Electrical/Electronic Systems
- A5 – Brakes (45)
- A4 – Suspension & Steering
- A3 – Manual Drive Train & Axles
- A2 – Automatic Transmission/Transaxle
- A1 – Engine Repair

AUTOMOTIVE TECHNOLOGY - INTERMEDIATE LEVEL

4 semesters — classes can be taken in any order

- Automotive Drive Train Technology (15)
- Automotive Engines: Repair & Rebuild (15)
- Brakes, Steering, & Suspension (15)
- Automotive Electricity/Electronics (15)

1 SEMESTER

Direct entry into Automotive Tech Program

Apply to Automotive Tech Program

CERTIFICATE

High School R.O.P. / Tech Prep

- Successful Completion Of High School Auto Shop Program
- Tech Prep Pathway

OR

Program Prerequisites

- Fundamentals of Auto Technology (710)
- Math - Required Level or Test Out
- English - Required Level or Test Out

OR

Career Advancement Academy - Automotive Technician - 1 Semester

- Fundamentals of Automotive
- Service Orientation
- Automotive Math
- Automotive English
- Career Counseling

JOBS & WAGES

ADVANCED Level Employment

Master Technician, Shop Foreman, Team Leader, Lead Technician
$25 – 35 per hour

(After 5+ years experience + All 8 ASE Certifications)

INTERMEDIATE Level Employment

Repair Technician
$15 – 20 per hour

Service Writer
$15 – 25 per hour

(After 2+ years experience + ASE 1-6)

ENTRY Level Employment

Lube Tech
Express Technician
Beginning Apprentice
$8 – 12 per hour

Career Ladders Project
www.CareerLaddersProject.org